

=> file biosis caba caplus embase japio lifesci medline scisearch

=> e jacobs antonius arnoldus christiaan/au

E1 1 JACOBS ANTONIUS A C/AU
E2 4 JACOBS ANTONIUS ARNOLDUS C/AU
E3 15 --> JACOBS ANTONIUS ARNOLDUS CHRISTIAAN/AU
E4 1 JACOBS ARHUR M/AU
E5 1 JACOBS ARLENE/AU
E6 2 JACOBS ARLENE F/AU
E7 2 JACOBS ARMAND/AU
E8 3 JACOBS ARMAND MUELLER/AU
E9 4 JACOBS ARMAND MULLER/AU
E10 12 JACOBS ARNE/AU
E11 1 JACOBS ARNOLD/AU
E12 8 JACOBS ARTHUR/AU

=> s e1-e3

L1 20 ("JACOBS ANTONIUS A C"/AU OR "JACOBS ANTONIUS ARNOLDUS C"/AU OR
"JACOBS ANTONIUS ARNOLDUS CHRISTIAAN"/AU)

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2 20 DUP REM L1 (0 DUPLICATES REMOVED)

=> d 1-

YOU HAVE REQUESTED DATA FROM 20 ANSWERS - CONTINUE? Y/(N):y

L2 ANSWER 1 OF 20 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2009:424780 BIOSIS <<LOGINID::20100127>>
DN PREV200900425883
TI Lawsonia intracellularis vaccine.
AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor]; Anonymous;
Vermeij, Paul [Inventor]
CS Boxmeer, Netherlands
ASSIGNEE: Intervet International B V
PI US 07491401 20090217
SO Official Gazette of the United States Patent and Trademark Office Patents,
(FEB 10 2009)
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 15 Jul 2009
Last Updated on STN: 15 Jul 2009

L2 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2009:1500289 CAPLUS <<LOGINID::20100127>>
DN 152:9929
TI Vaccine comprising carbohydrate composition from Lawsonia intracellularis
cell membrane and combination vaccines comprising the same
IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Vermeij, Paul; Segers,
Ruud Philip Antoon Maria; Schrier, Carla Christina
PA Intervet International B.V., Neth.
SO PCT Int. Appl., 21pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI WO 2009144088 A2 20091203 WO 2009-EP54516 20090416
 W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
 CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
 FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
 KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
 ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
 PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,
 TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
 IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI,
 SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 PRAI EP 2008-154764 A 20080418
 US 2008-46161P P 20080418
 EP 2008-105738 A 20081106
 US 2008-111756P P 20081106

L2 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2009:1294282 CAPLUS <<LOGINID::20100127>>
 DN 151:446115
 TI Combination vaccine for protection against Lawsonia intracellularis,
 Mycoplasma hyopneumoniae and porcine circo virus
 IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Vermeij, Paul; Segers,
 Ruud Philip Antoon Maria; Schrier, Carla Christina
 PA Intervet International B.V., Neth.
 SO PCT Int. Appl., 23pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2009127684	A1	20091022	WO 2009-EP54517	20090416
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	EP 2008-154765	A	20080418		
	US 2008-46188P	P	20080418		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2006:1225852 CAPLUS <<LOGINID::20100127>>
 DN 146:26334
 TI Pasteurella multocida live attenuated vaccine
 IN Luo, Yugang; Vermeij, Paul; ***Jacobs, Antonius Arnoldus Christiaan***

PA Intervet International B.V., Neth.
SO PCT Int. Appl., 31pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006122586	A1	20061123	WO 2005-EP56995	20051221
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2005331860	A1	20061123	AU 2005-331860	20051221
	CA 2591624	A1	20061123	CA 2005-2591624	20051221
	EP 1831248	A1	20070912	EP 2005-857856	20051221
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 101087803	A	20071212	CN 2005-80044494	20051221
	JP 2008523840	T	20080710	JP 2007-547497	20051221
	BR 2005019381	A2	20090120	BR 2005-19381	20051221
	ZA 2007005087	A	20080827	ZA 2007-5087	20070613
	MX 2007007570	A	20070724	MX 2007-7570	20070621
	IN 2007CN02702	A	20070907	IN 2007-CN2702	20070621
	KR 2007092290	A	20070912	KR 2007-716568	20070719
PRAI	US 2004-639447P	P	20041222		
	WO 2005-EP56995	W	20051221		

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 20 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2006:243704 BIOSIS <<LOGINID::20100127>>
DN PREV200600251697
TI Lawsonia intracellularis vaccine.
AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor]; Vermeij, Paul
[Inventor]
CS Kessel, Netherlands
ASSIGNEE: Akzo Nobel N.V.
PI US 06921536 20050726
SO Official Gazette of the United States Patent and Trademark Office Patents,
(JUL 26 2005)
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 26 Apr 2006
Last Updated on STN: 26 Apr 2006

L2 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2005:607098 CAPLUS <<LOGINID::20100127>>
 TI Combination vaccine for poultry
 IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Van, Empel Paul
 PA Cornelius Maria; Nuijten, Petrus Johannes Maria
 PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria
 SO PCT Int. Appl.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005063284	A1	20050714	WO 2004-EP53623	20041221
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2550923	A1	20050714	CA 2004-2550923	20041221
	EP 1699483	A1	20060913	EP 2004-804958	20041221
	EP 1699483	B1	20090311		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	BR 2004017880	A	20070427	BR 2004-17880	20041221
	JP 2007518717	T	20070712	JP 2006-546172	20041221
	AT 424844	T	20090315	AT 2004-804958	20041221
	ES 2322272	T3	20090618	ES 2004-804958	20041221
	US 20090053262	A1	20090226	US 2006-582315	20060608
PRAI	EP 2003-104954	A	20031223		
	WO 2004-EP53623	W	20041221		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2005:423701 CAPLUS <<LOGINID::20100127>>
 DN 142:462689
 TI Antibodies against Campylobacter and complement for decontamination of biological tissue such as meat.
 IN Segers, Ruud Philip Antoon Maria; ***Jacobs, Antonius Arnoldus***
 *** Christiaan***
 PA Akzo Nobel N. V., Neth.
 SO PCT Int. Appl., 16 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005044012	A2	20050519	WO 2004-EP52463	20041007
	WO 2005044012	A3	20071221		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG, AP, EA, EP, OA

PRAI EP 2003-78157 A 20031008

L2 ANSWER 8 OF 20 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
 AN 2004:406193 BIOSIS <<LOGINID::20100127>>
 DN PREV200400411358
 TI Campylobacter vaccine.
 AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor, Reprint Author];
 van den Bosch, Johannes Franciscus [Inventor]; Nuijten, Petrus Johannes
 Maria [Inventor]
 CS Kessel, Netherlands
 ASSIGNEE: Akzo Nobel, NV, Arnheim, Netherlands
 PI US 6790446 20040914
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Sep 14 2004) Vol. 1286, No. 2.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
 ISSN: 0098-1133 (ISSN print).

DT Patent
 LA English
 ED Entered STN: 20 Oct 2004
 Last Updated on STN: 20 Oct 2004

L2 ANSWER 9 OF 20 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
 AN 2004:397973 BIOSIS <<LOGINID::20100127>>
 DN PREV200400402440
 TI Campylobacter vaccine.
 AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor, Reprint Author];
 van den Bosch, Johannes Franciscus [Inventor]; Nuijten, Petrus Johannes
 Maria [Inventor]
 CS Kessel, Netherlands
 ASSIGNEE: Akzo Nobel N. V., Arnhem, Netherlands
 PI US 6787137 20040907
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Sep 7 2004) Vol. 1286, No. 1. <http://www.uspto.gov/web/menu/patdata.html>.
 e-file.
 ISSN: 0098-1133 (ISSN print).

DT Patent
 LA English
 ED Entered STN: 13 Oct 2004
 Last Updated on STN: 13 Oct 2004

L2 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2002:503432 CAPLUS <<LOGINID::20100127>>
 DN 137:77871
 TI Cloning of genes for novel Lawsonia intracellularis outer membrane
 proteins and their use in preparing vaccines for porcine proliferative
 enteropathy

IN ***Jacobs, Antonius A. C.*** ; Vermeij, Paul
PA Akzo Nobel N.V., Neth.; Intervet International BV
SO Eur. Pat. Appl., 26 pp.
CODEN: EPXXDW

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 1219711	A2	20020703	EP 2001-204919	20011214
	EP 1219711	A3	20021106		
	EP 1219711	B1	20060614		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	EP 1586646	A2	20051019	EP 2005-104073	20011214
	EP 1586646	A3	20070801		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	AT 330013	T	20060715	AT 2001-204919	20011214
	PT 1219711	E	20061031	PT 2001-204919	20011214
	ES 2266090	T3	20070301	ES 2001-204919	20011214
	CA 2365494	A1	20020620	CA 2001-2365494	20011218
	JP 2003000276	A	20030107	JP 2001-385373	20011219
	JP 4237960	B2	20090311		
	HU 2001005379	A2	20030128	HU 2001-5379	20011219
	HU 2001005379	A3	20040728		
	AU 2001097371	A	20020627	AU 2001-97371	20011220
	AU 783210	B2	20051006		
	US 20050069559	A1	20050331	US 2001-34500	20011220
	US 6921536	B2	20050726		
	US 20050250150	A1	20051110	US 2005-180997	20050713
	US 7491401	B2	20090217		
	PH 1200600523	A	20080519	PH 2006-1200600523	20061107
PRAI	EP 2000-204660	A	20001220		
	EP 2001-204919	A3	20011214		
	US 2001-34500	A3	20011220		
	US 2005-102182	B3	20050408		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 11 OF 20 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on
STN

AN 2001:227306 BIOSIS <<LOGINID::20100127>>

DN PREV200100227306

TI Streptococcus equi vaccine.

AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor, Reprint author]

CS Kessel, Netherlands

ASSIGNEE: Akzo Nobel N.V., Arnhem, Netherlands

PI US 6120775 20000919

SO Official Gazette of the United States Patent and Trademark Office Patents,
(Sep. 19, 2000) Vol. 1238, No. 3. e-file.

CODEN: OGUPE7. ISSN: 0098-1133.

DT Patent

LA English

ED Entered STN: 9 May 2001

Last Updated on STN: 18 Feb 2002

L2 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:723118 CAPLUS <<LOGINID::20100127>>
DN 133:295357
TI Campylobacter vaccine
IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Van Den Bosch, Johannes
Franciscus; Nuijten, Petrus Johannes Maria
PA Akzo Nobel N.V., Neth.
SO Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1043029	A1	20001011	EP 2000-201203	20000403
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000351735	A	20001219	JP 2000-88054	20000328
	CA 2303722	A1	20001009	CA 2000-2303722	20000405
	AU 2000026406	A	20001012	AU 2000-26406	20000405
	AU 775752	B2	20040812		
	CN 1270061	A	20001018	CN 2000-104982	20000407
	CN 1170594	C	20041013		
	BR 2000001559	A	20010821	BR 2000-1559	20000407
	HU 2000001423	A2	20020629	HU 2000-1423	20000407
	HU 2000001423	A3	20050530		
	US 6787137	B1	20040907	US 2000-544683	20000407
	MX 2000003427	A	20041028	MX 2000-3427	20000407
	US 20030072766	A1	20030417	US 2002-192419	20020710
	US 6790446	B2	20040914		
PRAI	EP 1999-201086	A	19990409		
	US 2000-544683	A3	20000407		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:534821 CAPLUS <<LOGINID::20100127>>
DN 133:140191
TI Use of live attenuated bacteria for the manufacture of a submucosal
vaccine
IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Goovaerts, Danny
PA Akzo Nobel N. V., Neth.
SO Eur. Pat. Appl., 7 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1023903	A1	20000802	EP 2000-200216	20000120
	EP 1023903	B1	20040114		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

CA 2243730	A1	19990129	CA 1998-2243730	19980721
CA 2243730	C	20091222		
EP 894500	A1	19990203	EP 1998-202512	19980727
EP 894500	B1	20040630		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11100329	A	19990413	JP 1998-210514	19980727
AT 270112	T	20040715	AT 1998-202512	19980727
PT 894500	E	20041029	PT 1998-202512	19980727
ES 2224331	T3	20050301	ES 1998-202512	19980727
HU 9801705	A2	19990528	HU 1998-1705	19980728
HU 9801705	A3	20011128		
HU 223762	B1	20050128		
JP 2000309542	A	20001107	JP 2000-11573	20000120
JP 4339978	B2	20091007		
AT 257713	T	20040115	AT 2000-200216	20000120
PT 1023903	E	20040430	PT 2000-200216	20000120
ES 2214217	T3	20040916	ES 2000-200216	20000120
AU 761515	B2	20030605	AU 2000-13557	20000125
PRAI EP 1997-202365	A	19970729		
EP 1997-202925	A	19970924		
EP 1999-200202	A	19990126		
OSC.G 3	THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)			
RE.CNT 4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD			
ALL CITATIONS AVAILABLE IN THE RE FORMAT				
L2	ANSWER 14 OF 20 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN			
AN	1999:317652 BIOSIS <<LOGINID::20100127>>			
DN	PREV199900317652			
TI	Streptococcus equi vaccine.			
AU	Hartford, Orla Mary [Inventor, Reprint author]; Foster, Timothy James [Inventor]; ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor]			
CS	Duleek, Ireland			
	ASSIGNEE: Provost Fellows and Scholars of the College of the Univ. of the Holy			
PI	US 5895654 19990719			
SO	Official Gazette of the United States Patent and Trademark Office Patents, (19-JUL-99) Vol. 1221, No. 3. print.			
	CODEN: OGUPE7. ISSN: 0098-1133.			
DT	Patent			
LA	English			
ED	Entered STN: 17 Aug 1999			
	Last Updated on STN: 17 Aug 1999			
L2	ANSWER 15 OF 20 JAPIO (C) 2010 JPO on STN			
AN	1999-100329 JAPIO <<LOGINID::20100127>>			
TI	STREPTOCOCCUS EQUI VACCINE			
IN	***JACOBS ANTONIUS ARNOLDUS C***			
PA	AKZO NOBEL NV			
PI	JP 11100329 A 19990413 Heisei			
AI	JP 1998-210514 (JP10210514 Heisei) 19980727			
PRAI	EP 1997-202365 19970729			
	EP 1997-202925 19970924			
SO	PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 1999			
IC	ICM A61K039-085			
ICA	C12N001-20			

ICI C12N001-20, C12R001:46

L2 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1995:372910 CAPLUS <<LOGINID::20100127>>

DN 122:131159

OREF 122:24475a,24478a

TI Vaccine against Streptococcus suis infection

IN ***Jacobs, Antonius Arnoldus Christiaan***

PA Akzo Nobel N.V., Neth.

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 626452	A1	19941130	EP 1994-201295	19940509
	EP 626452	B1	19990811		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	AT 183241	T	19990815	AT 1994-201295	19940509
	ES 2137310	T3	19991216	ES 1994-201295	19940509
	US 5612042	A	19970318	US 1994-242406	19940513
	SK 281324	B6	20010212	SK 1994-563	19940513
	CZ 289302	B6	20011212	CZ 1994-1175	19940513
	TW 494103	B	20020711	TW 1994-83104343	19940513
	HU 69796	A2	19950928	HU 1994-1511	19940516
	HU 218154	B	20000628		
	PL 177219	B1	19991029	PL 1994-303482	19940516
	JP 07010774	A	19950113	JP 1994-103080	19940517
	JP 3578799	B2	20041020		
	GR 3031698	T3	20000229	GR 1999-402789	19991103
PRAI	EP 1993-201401	A	19930517		
	EP 1994-201295	A	19940509		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L2 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1987:629156 CAPLUS <<LOGINID::20100127>>

DN 107:229156

OREF 107:36623a,36626a

TI Peptide compositions for combatting diarrhea

IN De Graaf, Frits Karel; ***Jacobs, Antonius Arnoldus Christiaan***

PA Vereniging voor Christelijk Wetenschappelijk Onderwijs, Neth.

SO PCT Int. Appl., 10 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8703485	A1	19870618	WO 1986-NL41	19861209
	W: JP, US				
	RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	NL 8503413	A	19870701	NL 1985-3413	19851211
	EP 248838	A1	19871216	EP 1986-906963	19861209
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	JP 63501950	T	19880804	JP 1987-500023	19861209

PRAI NL 1985-3413 A 19851211
 WO 1986-NL41 W 19861209
 OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 18 OF 20 JAPIO (C) 2010 JPO on STN
 AN 2003-000276 JAPIO <<LOGINID::20100127>>
 TI LAWSONIA INTRACELLULIS VACCINE
 IN ***JACOBS ANTONIUS ARNOLDUS C*** ; VERMEIJ PAUL
 PA AKZO NOBEL NV
 PI JP 2003000276 A 20030107 Heisei
 AI JP 2001-385373 (JP2001385373 Heisei) 20011219
 PRAI EP 2000-204660 20001220
 SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2003
 IC ICM C12N015-09
 ICS A61K039-02; A61K039-09; A61K039-102; A61K039-108; A61K039-112;
 A61K039-12; A61K039-145; A61K039-205; A61K039-225; A61K039-23;
 A61K039-39; A61K039-395; A61K048-00; A61P001-00; A61P001-12;
 A61P003-00; A61P007-06; A61P031-04; C07K014-195; C12N001-15;
 C12N001-19; C12N001-21; C12N005-10; C12Q001-68

L2 ANSWER 19 OF 20 JAPIO (C) 2010 JPO on STN
 AN 2000-351735 JAPIO <<LOGINID::20100127>>
 TI CAMPYLOBACTER VACCINE
 IN ***JACOBS ANTONIUS ARNOLDUS C*** ; VAN DEN BOSCH JOHANNES FRANCISCUS;
 NUIJTEN PETRUS JOHANNES MARIA
 PA AKZO NOBEL NV
 PI JP 2000351735 A 20001219 Heisei
 AI JP 2000-88054 (JP2000088054 Heisei) 20000328
 PRAI EP 1999-201086 19990409
 SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2000
 IC ICM A61K039-106
 ICS A61K038-00; A61K039-395; A61P001-00; A61P031-04; C07K014-205;
 C12N005-10; C12P021-02
 ICI C12P021-02, C12R001:01

L2 ANSWER 20 OF 20 JAPIO (C) 2010 JPO on STN
 AN 2000-309542 JAPIO <<LOGINID::20100127>>
 TI USE OF BACTERIUM FOR PRODUCING VACCINE
 IN ***JACOBS ANTONIUS ARNOLDUS C*** ; GOOVAERTS DANNY
 PA AKZO NOBEL NV
 PI JP 2000309542 A 20001107 Heisei
 AI JP 2000-11573 (JP2000011573 Heisei) 20000120
 PRAI EP 1999-200202 19990126
 SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2000
 IC ICM A61K039-05
 ICS A61K039-07; A61K039-09; A61K039-102; A61K039-104; A61P011-00;
 A61P015-06; A61P017-02; A61P031-04; A61P043-00; C12N001-00;
 C12N001-20
 ICI C12N001-00, C12R001:46; C12N001-20, C12R001:46

=> e van empel paul cornelius maria/au
 E1 1 VAN EMPEL P DR/AU
 E2 8 VAN EMPEL PAUL/AU
 E3 3 --> VAN EMPEL PAUL CORNELIUS MARIA/AU

E4 3 VAN EMPEL PIETER J/AU
 E5 1 VAN EMPEL R/AU
 E6 1 VAN EMPEL TJARKO/AU
 E7 4 VAN EMPEL TJARKO ADRIAAN R/AU
 E8 37 VAN EMPEL TJARKO ADRIAAN RUDOLF/AU
 E9 3 VAN EMPEL V/AU
 E10 5 VAN EMPEL V P M/AU
 E11 21 VAN EMPEL VANESSA P M/AU
 E12 21 VAN EMPELEN P/AU

=> s e1-e3

L3 12 ("VAN EMPEL P DR"/AU OR "VAN EMPEL PAUL"/AU OR "VAN EMPEL PAUL CORNELIUS MARIA"/AU)

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 9 DUP REM L3 (3 DUPLICATES REMOVED)

=> d 1-

YOU HAVE REQUESTED DATA FROM 9 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2005:607098 CAPLUS <<LOGINID::20100127>>

TI Combination vaccine for poultry

IN Jacobs, Antonius Arnoldus Christiaan; ***Van, Empel Paul Cornelius***

*** Maria*** ; Nuijten, Petrus Johannes Maria

PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria

SO PCT Int. Appl.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005063284	A1	20050714	WO 2004-EP53623	20041221
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2550923	A1	20050714	CA 2004-2550923	20041221
	EP 1699483	A1	20060913	EP 2004-804958	20041221
	EP 1699483	B1	20090311		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	BR 2004017880	A	20070427	BR 2004-17880	20041221
	JP 2007518717	T	20070712	JP 2006-546172	20041221
	AT 424844	T	20090315	AT 2004-804958	20041221
	ES 2322272	T3	20090618	ES 2004-804958	20041221
	US 20090053262	A1	20090226	US 2006-582315	20060608
PRAI	EP 2003-104954	A	20031223		

WO 2004-EP53623 W 20041221
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 9 EMBASE COPYRIGHT (c) 2010 Elsevier B.V. All rights reserved on STN
AN 2005142399 EMBASE <<LOGINID::20100127>>
TI Diagnosis and incidence of Ornithobacterium rhinotracheale infections in commercial broiler chickens at slaughter.
AU van Veen, L.; Nieuwenhuizen, J.; Mekkes, D.
CS Animal Health Service, PO Box 9, 7400 AA Deventer, Netherlands.
AU Vrijenhoek, M.; ***van Empel, P., Dr. (correspondence)***
CS Intervet International, PO Box 31, 5830 AA Boxmeer, Netherlands.
SO Veterinary Record, (5 Mar 2005) Vol. 156, No. 10, pp. 315-317.
 Refs: 11
 ISSN: 0042-4900 CODEN: VETRAX
CY United Kingdom
DT Journal; Note
FS 027 Biophysics, Bioengineering and Medical Instrumentation
 004 Microbiology: Bacteriology, Mycology, Parasitology and Virology
 005 General Pathology and Pathological Anatomy
LA English
ED Entered STN: 14 Apr 2005
 Last Updated on STN: 14 Apr 2005

L4 ANSWER 3 OF 9 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
 DUPLICATE 1
AN 2005:378891 BIOSIS <<LOGINID::20100127>>
DN PREV200510158774
TI Immunization with the binding domain of FimH, the adhesin of type 1 fimbriae, does not protect chickens against avian pathogenic Escherichia coli.
AU Vandemaele, Frederic [Reprint Author]; Ververken, Cedric; Bleyen, Nele; Geys, Jorina; D'Hulst, Charlotte; Addwebi, Tarek; ***van Empel, Paul***
 ; Goddeeris, Bruno Maria
CS Katholieke Univ Leuven, Fac Appl Biosci and Engn, Lab Physiol and Immunol Domest Anim, Kasteelpk Arenberg 30, B-3001 Louvain, Belgium
 vandemaele@agr.kuleuven.ac.be
SO Avian Pathology, (JUN 2005) Vol. 34, No. 3, pp. 264-272.
 CODEN: AVPADN. ISSN: 0307-9457.
DT Article
LA English
ED Entered STN: 21 Sep 2005
 Last Updated on STN: 21 Sep 2005

L4 ANSWER 4 OF 9 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2001:214241 BIOSIS <<LOGINID::20100127>>
DN PREV200100214241
TI Methods for the detection of antibodies to ornithobacterium rhinotracheale.
AU Storm, Paul Karel [Inventor, Reprint author]; ***van Empel, Paul***
 *** Cornelius Maria*** [Inventor]
CS Boxmeer, Netherlands
 ASSIGNEE: AKZO Nobel N.V., Arnhem, Netherlands
PI US 6114131 20000905
SO Official Gazette of the United States Patent and Trademark Office Patents,

(Sep. 5, 2000) Vol. 1238, No. 1. e-file.
 CODEN: OGUPE7. ISSN: 0098-1133.

DT Patent
 LA English
 ED Entered STN: 2 May 2001
 Last Updated on STN: 18 Feb 2002

L4 ANSWER 5 OF 9 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
 AN 1999:313730 BIOSIS <<LOGINID::20100127>>
 DN PREV199900313730
 TI Immunohistochemical and serological investigation of experimental
 Ornithobacterium rhinotracheale infection in chickens.
 AU ***van Empel, Paul*** [Reprint author]; Vrijenhoek, Mieke; Goovaerts,
 Danny; van den Bosch, Han
 CS Intervet International B.V., Wim de Korverstraat 35, NL-5830 AA, Boxmeer,
 Netherlands
 SO Avian Pathology, (April, 1999) Vol. 28, No. 2, pp. 187-193. print.
 CODEN: AVPADN. ISSN: 0307-9457.

DT Article
 LA English
 ED Entered STN: 17 Aug 1999
 Last Updated on STN: 17 Aug 1999

L4 ANSWER 6 OF 9 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
 AN 1998:489621 BIOSIS <<LOGINID::20100127>>
 DN PREV199800489621
 TI Vaccination of chickens against Ornithobacterium rhinotracheale infection.
 AU ***van Empel, Paul*** ; Bosch, Han Van Den
 CS Intervet International, P.O. Box 31, NL-5830 AA Boxmeer, Netherlands
 SO Avian Diseases, (July-Sept., 1998) Vol. 42, No. 3, pp. 572-578. print.
 CODEN: AVDIAI. ISSN: 0005-2086.

DT Article
 LA English
 ED Entered STN: 5 Nov 1998
 Last Updated on STN: 5 Nov 1998

L4 ANSWER 7 OF 9 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
 DUPLICATE 2
 AN 1997:111985 BIOSIS <<LOGINID::20100127>>
 DN PREV199799411188
 TI Identification and serotyping of Ornithobacterium rhinotracheale.
 AU ***Van Empel, Paul*** [Reprint author]; Van Den Bosch, Han; Loeffen,
 Peter; Storm, Paul
 CS Intervet Int. B.V., P.O. Box 31, NL-5830 AA Boxmeer, Netherlands
 SO Journal of Clinical Microbiology, (1997) Vol. 35, No. 2, pp. 418-421.
 CODEN: JCMIDW. ISSN: 0095-1137.

DT Article
 LA English
 ED Entered STN: 10 Mar 1997
 Last Updated on STN: 10 Mar 1997

L4 ANSWER 8 OF 9 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
 AN 1997:67123 BIOSIS <<LOGINID::20100127>>
 DN PREV199799366326
 TI Experimental infection in turkeys and chickens with Ornithobacterium
 rhinotracheale.
 AU ***Van Empel, Paul*** ; Van Den Bosch, Han; Goovaerts, Danny; Storm,

Paul
 CS Intervet Int., PO Box 31, NL-5830 AA Boxmeer, Netherlands
 SO Avian Diseases, (1996) Vol. 40, No. 4, pp. 858-864.
 CODEN: AVDIAI. ISSN: 0005-2086.
 DT Article
 LA English
 ED Entered STN: 11 Feb 1997
 Last Updated on STN: 11 Feb 1997

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2005:768938 CAPLUS <<LOGINID::20100127>>
 TI New bacterium causing poultry disease and vaccine derived thereof
 IN Storm, Paul Karel; ***Van, Empel Paul Cornelius Maria***
 PA Akzo Nobel N.V., Neth.
 SO PCT Int. Appl., No pp. given
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9409114	A1	19940428	WO 1993-EP2873	19931014
	W: HU, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	ZA 9307652	A	19940504	ZA 1993-7652	19931014
	EP 625190	A1	19941123	EP 1993-922957	19931014
	EP 625190	B1	19961227		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 07502174	T	19950309	JP 1993-509648	19931014
	AT 146818	T	19970115	AT 1993-922957	19931014
	ES 2098788	T3	19970501	ES 1993-922957	19931014
	JP 3992727	B2	20071017	JP 1994-509648	19931014
	US 5576003	A	19961119	US 1994-244831	19940609
	US 6114131	A	20000905	US 1996-668876	19960624
	US 5925361	A	19990720	US 1996-742532	19961101
PRAI	EP 1992-203154	A	19921014		
	WO 1993-EP2873	W	19931014		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

=> e nuijten petrus johannes maria/au

E1	1	NUIJTEN PETRUS A C M/AU
E2	1	NUIJTEN PETRUS J M/AU
E3	15 -->	NUIJTEN PETRUS JOHANNES MARIA/AU
E4	6	NUIJTEN PIET/AU
E5	2	NUIJTEN PIET J A/AU
E6	45	NUIJTEN PIET J M/AU
E7	1	NUIJTEN PUSTJENS GERRY MARIA GERTRUDA JOHANNA/AU
E8	4	NUIJTEN S/AU
E9	2	NUIJTEN S M/AU
E10	6	NUIJTEN S T/AU
E11	22	NUIJTEN S T M/AU
E12	4	NUIJTEN W/AU

=> s e1-e3

L5 17 ("NUIJTEN PETRUS A C M"/AU OR "NUIJTEN PETRUS J M"/AU OR "NUIJTE

N PETRUS JOHANNES MARIA"/AU)

=> dup rem 15

PROCESSING COMPLETED FOR L5

L6 17 DUP REM L5 (0 DUPLICATES REMOVED)

=> d 1-

YOU HAVE REQUESTED DATA FROM 17 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 17 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2009:611889 BIOSIS <<LOGINID::20100127>>
DN PREV200900612992
TI Streptococcus uberis protein, nucleic acid sequence encoding the same and
its use in a mastitis vaccine.
AU ***Nuijten, Petrus Johannes Maria*** [Inventor]; Anonymous; Hensen,
Selma Marianne [Inventor]
CS Sambeek, Netherlands
ASSIGNEE: Intervet International B V
PI US 07601804 20091013
SO Official Gazette of the United States Patent and Trademark Office Patents,
(OCT 13 2009)
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 4 Nov 2009
Last Updated on STN: 4 Nov 2009

L6 ANSWER 2 OF 17 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2006:552338 BIOSIS <<LOGINID::20100127>>
DN PREV200600565237
TI Salmonella vaccine.
AU Anonymous; ***Nuijten, Petrus Johannes Maria*** [Inventor]; Witvliet,
Maarten Hendrik [Inventor]
CS Sambeek, Netherlands
ASSIGNEE: Akzo Nobel N V
PI US 07045122 20060516
SO Official Gazette of the United States Patent and Trademark Office Patents,
(MAY 16 2006)
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 27 Oct 2006
Last Updated on STN: 27 Oct 2006

L6 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2005:902911 CAPLUS <<LOGINID::20100127>>
DN 143:243067
TI Protein and cDNA sequences of eight novel Ornithobacterium rhinotracheale
antigens and use in vaccines
IN Schuijfffel, Danielle Francisca; ***Nuijten, Petrus Johannes Maria***
PA Akzo Nobel N. V., Neth.
SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI	WO 2005077972	A1	20050825	WO 2005-EP50577	20050209
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2005212850	A1	20050825	AU 2005-212850	20050209
	AU 2005212850	B2	20091126		
	CA 2553703	A1	20050825	CA 2005-2553703	20050209
	EP 1716169	A1	20061102	EP 2005-701653	20050209
	EP 1716169	B1	20091202		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	BR 2005007281	A	20070703	BR 2005-7281	20050209
	JP 2007537723	T	20071227	JP 2006-552621	20050209
	AT 450546	T	20091215	AT 2005-701653	20050209
	MX 2006008760	A	20070123	MX 2006-8760	20060802
	IN 2006CN02908	A	20070608	IN 2006-CN2908	20060808
	US 20080008718	A1	20080110	US 2006-588992	20060810
PRAI	EP 2004-75427	A	20040211		
	WO 2005-EP50577	W	20050209		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2005:607098 CAPLUS <<LOGINID::20100127>>
TI Combination vaccine for poultry
IN Jacobs, Antonius Arnoldus Christiaan; Van, Empel Paul Cornelius Maria;
Nuijten, Petrus Johannes Maria
PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria
SO PCT Int. Appl.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2005063284	A1	20050714	WO 2004-EP53623	20041221
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

CA 2550923	A1	20050714	CA 2004-2550923	20041221
EP 1699483	A1	20060913	EP 2004-804958	20041221
EP 1699483	B1	20090311		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004017880	A	20070427	BR 2004-17880	20041221
JP 2007518717	T	20070712	JP 2006-546172	20041221
AT 424844	T	20090315	AT 2004-804958	20041221
ES 2322272	T3	20090618	ES 2004-804958	20041221
US 20090053262	A1	20090226	US 2006-582315	20060608
PRAI EP 2003-104954	A	20031223		
WO 2004-EP53623	W	20041221		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 17 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2004:406193 BIOSIS <<LOGINID::20100127>>
DN PREV200400411358
TI Campylobacter vaccine.
AU Jacobs, Antonius Arnoldus Christiaan [Inventor, Reprint Author]; van den Bosch, Johannes Franciscus [Inventor]; ***Nuijten, Petrus Johannes***
*** Maria*** [Inventor]
CS Kessel, Netherlands
ASSIGNEE: Akzo Nobel, NV, Arnheim, Netherlands
PI US 6790446 20040914
SO Official Gazette of the United States Patent and Trademark Office Patents, (Sep 14 2004) Vol. 1286, No. 2.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).
DT Patent
LA English
ED Entered STN: 20 Oct 2004
Last Updated on STN: 20 Oct 2004

L6 ANSWER 6 OF 17 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2004:397973 BIOSIS <<LOGINID::20100127>>
DN PREV200400402440
TI Campylobacter vaccine.
AU Jacobs, Antonius Arnoldus Christiaan [Inventor, Reprint Author]; van den Bosch, Johannes Franciscus [Inventor]; ***Nuijten, Petrus Johannes***
*** Maria*** [Inventor]
CS Kessel, Netherlands
ASSIGNEE: Akzo Nobel N. V., Arnhem, Netherlands
PI US 6787137 20040907
SO Official Gazette of the United States Patent and Trademark Office Patents, (Sep 7 2004) Vol. 1286, No. 1. <http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).
DT Patent
LA English
ED Entered STN: 13 Oct 2004
Last Updated on STN: 13 Oct 2004

L6 ANSWER 7 OF 17 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2004:332597 BIOSIS <<LOGINID::20100127>>
DN PREV200400337396

TI Live attenuated bacteria for use in a vaccine.
 AU Cohen, Paul S. [Inventor, Reprint Author]; Laux, David C. [Inventor];
 Nuijten, Petrus J. M. [Inventor]
 CS Narragansett, RI, USA
 ASSIGNEE: Akzo Nobel N.V., Arnhem, Netherlands; Board of Governors for
 Higher Education, State of Rhode Island, Providence, RI, USA
 PI US 6764687 20040720
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (July 20 2004) Vol. 1284, No. 3.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
 ISSN: 0098-1133 (ISSN print).
 DT Patent
 LA English
 ED Entered STN: 4 Aug 2004
 Last Updated on STN: 4 Aug 2004

L6 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2004:183033 CAPLUS <<LOGINID::20100127>>
 DN 140:234385
 TI Streptococcus uberis protein, nucleic acid sequence encoding the same and
 its use in a mastitis vaccination and diagnosis for cows
 IN Hensen, Selma Marianne; ***Nuijten, Petrus Johannes Maria***
 PA Akzo Nobel N.V., Neth.
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004018683	A1	20040304	WO 2003-EP8704	20030806
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2494197	A1	20040304	CA 2003-2494197	20030806
	AU 2003251694	A1	20040311	AU 2003-251694	20030806
	AU 2003251694	B2	20090917		
	EP 1532253	A1	20050525	EP 2003-792264	20030806
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	BR 2003013237	A	20050712	BR 2003-13237	20030806
	JP 2005535350	T	20051124	JP 2004-530093	20030806
	NZ 538075	A	20060526	NZ 2003-538075	20030806
	US 20050255125	A1	20051117	US 2005-524198	20050210
	US 7601804	B2	20091013		
PRAI	EP 2002-78325	A	20020812		
	WO 2003-EP8704	W	20030806		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2002:391558 CAPLUS <<LOGINID::20100127>>
 DN 136:384973
 TI Salmonella vaccine
 IN ***Nuijten, Petrus Johannes Maria*** ; Witvliet, Maarten Hendrik
 PA Akzo Nobel N.V., Neth.
 SO PCT Int. Appl., 22 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002040046	A1	20020523	WO 2001-EP13396	20011115
	W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2429120	A1	20020523	CA 2001-2429120	20011115
	AU 2002017043	A	20020527	AU 2002-17043	20011115
	EP 1345621	A1	20030924	EP 2001-996389	20011115
	EP 1345621	B1	20081112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	HU 2003002612	A2	20031128	HU 2003-2612	20011115
	HU 2003002612	A3	20041028		
	JP 2004513646	T	20040513	JP 2002-542418	20011115
	AT 413888	T	20081115	AT 2001-996389	20011115
	ES 2316492	T3	20090416	ES 2001-996389	20011115
	US 20040052802	A1	20040318	US 2003-432102	20030516
	US 7045122	B2	20060516		
PRAI	EP 2000-204022	A	20001116		
	EP 2000-204387	A	20001208		
	WO 2001-EP13396	W	20011115		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2001:25973 CAPLUS <<LOGINID::20100127>>
 TI Addition of watermark keys according to a flexible format
 IN ***Nuijten, Petrus A. C. M.***
 PA Koninklijke Philips Electronics N.V., Neth.
 SO PCT Int. Appl.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001003136	A2	20010111	WO 2000-EP5961	20000627

WO 2001003136 A3 20010503
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
CA 2342913 A1 20010111 CA 2000-2342913 20000627
EP 1145241 A2 20011017 EP 2000-956157 20000627
EP 1145241 A3 20041110
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
BR 2000006884 A 20011030 BR 2000-6884 20000627
CN 1725345 A 20060125 CN 2005-10079190 20000627
PRAI EP 1999-202163 A 19990702
CN 2000-801809 A3 20000627
WO 2000-EP5961 W 20000627

L6 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2009:1488788 CAPLUS <<LOGINID::20100127>>
TI Salmonella vaccine/Salmonella vaccine and preparation method thereof
IN ***Nuijten, Petrus Johannes Maria*** ; Witvliet, Maarten Hendrik
PA Neth.
SO U.S. Pat. Appl. Publ.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20010021386	A1	20010913	US 2000-749025	20001227
	MX 2000012796	A	20020523	MX 2000-12796	20001219
	AT 269104	T	20040715	AT 2000-204630	20001219
	PT 1112747	E	20041029	PT 2000-204630	20001219
	ES 2222152	T3	20050201	ES 2000-204630	20001219
	JP 2001186874	A	20010710	JP 2000-387225	20001220
	AU 783508	B2	20051103	AU 2000-72453	20001221
	CA 2329676	A1	20010628	CA 2000-2329676	20001227
	BR 2000006291	A	20011127	BR 2000-6291	20001227
	HU 2000005010	A2	20020629	HU 2000-5010	20001227
	HU 226192	B1	20080630		
	US 20080069843	A1	20080320	US 2007-980864	20071030
PRAI	EP 1999-204564	A	19991228		
	US 2000-749025	A3	20001227		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

L6 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2001:488585 CAPLUS <<LOGINID::20100127>>
DN 135:75739
TI Salmonella vaccine not inducing antibodies against flagellin or flagella
IN ***Nuijten, Petrus Johannes Maria*** ; Witvliet, Maarten Hendrik
PA Akzo Nobel N.V., Neth.
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1112747	A1	20010704	EP 2000-204630	20001219
	EP 1112747	B1	20040616		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	MX 2000012796	A	20020523	MX 2000-12796	20001219
	AT 269104	T	20040715	AT 2000-204630	20001219
	PT 1112747	E	20041029	PT 2000-204630	20001219
	ES 2222152	T3	20050201	ES 2000-204630	20001219
	JP 2001186874	A	20010710	JP 2000-387225	20001220
	AU 783508	B2	20051103	AU 2000-72453	20001221
	CA 2329676	A1	20010628	CA 2000-2329676	20001227
	BR 2000006291	A	20011127	BR 2000-6291	20001227
	HU 2000005010	A2	20020629	HU 2000-5010	20001227
	HU 226192	B1	20080630		
PRAI	EP 1999-204564	A	19991228		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2001:89457 CAPLUS <<LOGINID::20100127>>

TI Live attenuated bacteria for use in a vaccine

IN Cohen, Paul S.; Laux, David C.; ***Nuijten, Petrus Johannes Maria***

PA Akzo Nobel N.V., Neth.; The Board of Governors for Higher Education, State
of Rhode Island and Providence Plantations; Intervet International BV

SO Eur. Pat. Appl.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1074266	A2	20010207	EP 2000-201985	20000606
	EP 1074266	A3	20030326		
	EP 1074266	B1	20061213		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
	US 6764687	B1	20040720	US 1999-328859	19990609
	ZA 2000002615	A	20001208	ZA 2000-2615	20000525
	JP 2001039890	A	20010213	JP 2000-159455	20000530
	AT 347905	T	20070115	AT 2000-201985	20000606
	PT 1074266	E	20070228	PT 2000-201985	20000606
	ES 2276662	T3	20070701	ES 2000-201985	20000606
	AU 2000039353	A	20001214	AU 2000-39353	20000607
	AU 779795	B2	20050210		
	CA 2308691	A1	20001209	CA 2000-2308691	20000608
	BR 2000002602	A	20010102	BR 2000-2602	20000608
	NZ 505018	A	20010427	NZ 2000-505018	20000608
	HU 2000002228	A2	20020629	HU 2000-2228	20000608
	HU 2000002228	A3	20090330		
	MX 2000005734	A	20020820	MX 2000-5734	20000609
PRAI	US 1999-328859	A	19990609		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L6 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2000:723118 CAPLUS <<LOGINID::20100127>>
 DN 133:295357
 TI Campylobacter vaccine
 IN Jacobs, Antonius Arnoldus Christiaan; Van Den Bosch, Johannes Franciscus;
 Nuijten, Petrus Johannes Maria
 PA Akzo Nobel N.V., Neth.
 SO Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1043029	A1	20001011	EP 2000-201203	20000403
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000351735	A	20001219	JP 2000-88054	20000328
	CA 2303722	A1	20001009	CA 2000-2303722	20000405
	AU 2000026406	A	20001012	AU 2000-26406	20000405
	AU 775752	B2	20040812		
	CN 1270061	A	20001018	CN 2000-104982	20000407
	CN 1170594	C	20041013		
	BR 2000001559	A	20010821	BR 2000-1559	20000407
	HU 2000001423	A2	20020629	HU 2000-1423	20000407
	HU 2000001423	A3	20050530		
	US 6787137	B1	20040907	US 2000-544683	20000407
	MX 2000003427	A	20041028	MX 2000-3427	20000407
	US 20030072766	A1	20030417	US 2002-192419	20020710
	US 6790446	B2	20040914		
PRAI	EP 1999-201086	A	19990409		
	US 2000-544683	A3	20000407		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 17 JAPIO (C) 2010 JPO on STN
 AN 2001-186874 JAPIO <<LOGINID::20100127>>
 TI SALMONELLA VACCINE
 IN ***NUIJTEN PETRUS JOHANNES MARIA*** ; WITVLIET MAARTEN HENDRIK
 PA AKZO NOBEL NV
 PI JP 2001186874 A 20010710 Heisei
 AI JP 2000-387225 (JP2000387225 Heisei) 20001220
 PRAI EP 1999-204564 19991228
 SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2001
 IC ICM C12N001-20
 ICS A61K039-106; A61K039-112; A61K039-39
 ICI C12N001-20, C12R001:42

L6 ANSWER 16 OF 17 JAPIO (C) 2010 JPO on STN
 AN 2001-039890 JAPIO <<LOGINID::20100127>>
 TI LIVE ATTENUATED BACTERIUM FOR USE IN VACCINE
 IN COHEN PAUL S; LAUX DAVID C; ***NUIJTEN PETRUS JOHANNES MARIA***
 PA AKZO NOBEL NV
 PI JP 2001039890 A 20010213 Heisei

AI JP 2000-159455 (JP2000159455 Heisei) 20000530
PRAI US 1999-328859 19990609
SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2001
IC ICM A61K039-108
ICS A61K035-74; A61K039-02; A61K039-102; A61K039-112; A61P031-04;
A61P043-00
ICA C12N001-00; C12N001-20; C12N015-01

L6 ANSWER 17 OF 17 JAPIO (C) 2010 JPO on STN
AN 2000-351735 JAPIO <<LOGINID::20100127>>
TI CAMPYLOBACTER VACCINE
IN JACOBS ANTONIUS ARNOLDUS C; VAN DEN BOSCH JOHANNES FRANCISCUS;
NUIJTEN PETRUS JOHANNES MARIA
PA AKZO NOBEL NV
PI JP 2000351735 A 20001219 Heisei
AI JP 2000-88054 (JP2000088054 Heisei) 20000328
PRAI EP 1999-201086 19990409
SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2000
IC ICM A61K039-106
ICS A61K038-00; A61K039-395; A61P001-00; A61P031-04; C07K014-205;
C12N005-10; C12P021-02
ICI C12P021-02, C12R001:01

=> s (ornithobacterium or rhinotracheale) and vaccin?
L7 163 (ORNITHOBACTERIUM OR RHINOTRACHEALE) AND VACCIN?

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 73 DUP REM L7 (90 DUPLICATES REMOVED)

=> s l8 and (attenuat? or over-attenuat?)
L9 7 L8 AND (ATTENUAT? OR OVER-ATTENUAT?)

=> d bib ab kwic 1-
YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

L9 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2010 The Thomson Corporation on STN
AN 2005:14975 BIOSIS <<LOGINID::20100127>>
DN PREV200500018375
TI Characterization of plasmid pOR1 from ***Ornithobacterium***
rhinotracheale and construction of a shuttle plasmid.
AU Jansen, Ruud; Chansiripornchai, Niwat; Gastra, Wim; van Putten, Jos P. M.
[Reprint Author]
CS Dept Immunol and Infect Dis, Univ Utrecht, Yalelaan 1, NL-3584 CL,
Utrecht, Netherlands
j.vanputten@vet.uu.nl
SO Applied and Environmental Microbiology, (October 2004) Vol. 70, No. 10,
pp. 5853-5858. print.
ISSN: 0099-2240 (ISSN print).
DT Article
LA English
ED Entered STN: 22 Dec 2004
Last Updated on STN: 22 Dec 2004
AB The bacterium ***Ornithobacterium*** ***rhinotracheale*** has been
recognized as an emerging pathogen in poultry since about 10 years ago.
Knowledge of this bacterium and its mechanisms of virulence is still very

limited. Here we report the development of a transformation system that enables genetic modification of *O. rhinotracheale*. The system is based on a cryptic plasmid, pOR1, that was derived from an *O. rhinotracheale* strain of serotype K. sequencing indicated that the plasmid consisted of 14,787 nucleotides. Sequence analysis revealed one replication origin and several rep genes that control plasmid replication and copy number, respectively. In addition, pOR1 contains genes with similarity to a heavy-metal-transporting ATPase, a TonB-linked siderophore receptor, and a laccase. Reverse transcription-PCR demonstrated that these genes were transcribed. Other putative open reading frames exhibited similarities with a virulence-associated protein in *Actinobacillus actinomycetemcomitans* and a number of genes coding for proteins with unknown function. An *Escherichia coli*-*O. rhinotracheale* shuttle plasmid (pOREC1) was constructed by cloning the replication origin and rep genes from pOR1 and the cfxA gene from *Bacteroides vulgatus*, which codes for resistance to the antibiotic cefoxitin, into plasmid pGEM7 by using *E. coli* as a host. pOREC1 was electroporated into *O. rhinotracheale* and yielded cefoxitin-resistant transformants. The pOREC1 isolated from these transformants was reintroduced into *E. coli*, demonstrating that pOREC1 acts as an independent replicon in both *E. coli* and *O. rhinotracheale*, fulfilling the criteria for a shuttle plasmid that can be used for transformation, targeted mutagenesis, and the construction of defined attenuated vaccine strains.

II Characterization of plasmid pOR1 from *Ornithobacterium rhinotracheale* and construction of a shuttle plasmid.

AB The bacterium *Ornithobacterium rhinotracheale* has been recognized as an emerging pathogen in poultry since about 10 years ago. Knowledge of this bacterium and its virulence is still very limited. Here we report the development of a transformation system that enables genetic modification of *O. rhinotracheale*. The system is based on a cryptic plasmid, pOR1, that was derived from an *O. rhinotracheale* strain of serotype K. sequencing indicated that the plasmid consisted of 14,787 nucleotides. Sequence analysis revealed one replication origin and a virulence-associated protein in *Actinobacillus actinomycetemcomitans* and a number of genes coding for proteins with unknown function. An *Escherichia coli*-*O. rhinotracheale* shuttle plasmid (pOREC1) was constructed by cloning the replication origin and rep genes from pOR1 and the cfxA gene from resistance to the antibiotic cefoxitin, into plasmid pGEM7 by using *E. coli* as a host. pOREC1 was electroporated into *O. rhinotracheale* and yielded cefoxitin-resistant transformants. The pOREC1 isolated from these transformants was reintroduced into *E. coli*, demonstrating that pOREC1 acts as an independent replicon in both *E. coli* and *O. rhinotracheale*, fulfilling the criteria for a shuttle plasmid that can be used for transformation, targeted mutagenesis, and the construction of defined attenuated vaccine strains.

ORGN . . .

Taxa Notes

Bacteria, Eubacteria, Microorganisms

ORGN Classifier

Gram-Negative Aerobic Rods and Cocci 06500
Super Taxa

Eubacteria; Bacteria; Microorganisms
Organism Name

Ornithobacterium ***rhinotracheale*** (species):
pathogen, poultry pathogen

Taxa Notes
Bacteria, Eubacteria, Microorganisms

L9 ANSWER 2 OF 7 CABA COPYRIGHT 2010 CABI on STN

AN 2009:155156 CABA <<LOGINID::20100127>>

DN 20093158933

TI Diagnosis of IBV field challenge

AU Leerdam, B. van; Kuhne, P.; van Leerdam, B.

CS BioChek bv, Reeuwijk, Netherlands.

SO World Poultry, (2009) Vol. 25, No. 1, pp. 36-38.

Publisher: Reed Business Information. Doetinchem

ISSN: 1388-3119

URL: <http://www.agriworld.nl>

CY Netherlands Antilles

DT Journal

LA English

ED Entered STN: 2 Jul 2009

Last Updated on STN: 2 Jul 2009

AB In this article, two case histories are presented to demonstrate the usefulness of full complementary testing after birds have undergone respiratory disease. In the first case, a broiler flock was ***vaccinated*** twice with live infectious bronchitis virus (IBV) ***vaccine*** MA5. At 21 days the birds displayed severe respiratory distress combined with swollen heads and 10-15% mortality. Postmortem revealed Airsacculitis and E. coli infection. The complete serological picture showed that since the birds were not ***vaccinated*** for Avian Rhinotracheitis (ART) and ***Ornithobacterium*** ***Rhinothacheale*** (OR), it can be concluded that the bird suffered from primary infection with ART and a secondary infection with OR. The IBV serology does not meet the key criteria for infection, as the mean titres were not significantly elevated. The ***vaccination*** programme was adapted to include a live ART ***vaccination*** at 7 days, and the production parameters returned to normal thereafter. In the second case, the birds were ***vaccinated*** twice with live Massachusetts (H120) at 1 and 20 days of age. The birds were ***vaccinated*** against NDV twice with live Avinev at 1 (spray) and 20 days (drinking water). At 14-21 days of age the birds showed respiratory signs, mild diarrhoea and mortality. Postmortem examination showed tracheitis and nephritis. Serology for ART and OR was also positive, indicating concurrent infections for these diseases, as birds were not ***vaccinated***. The serology for NDV was higher than normal, but enhanced response was probably due to the "tracheal lesion effect" from the ***vaccine*** virus. From the results it was concluded that the birds were primarily infected with a nephropathogenic IBV strain, with ART and OR acting as secondary pathogens. A contingency plan was made, which included a live variant strain IBV (4/91) ***vaccination*** at 14 days of age through drinking water. After the introduction of the new programme the production returned to normal. The same serum samples of affected flock, used for the enzyme linked immunosorbent assay (ELISA) were serotyped using Virus Neutralization (VN) test. The specific VN test showed the highest titre for the QX-like (or D388) strain the birds were ***vaccinated*** with

Massachusetts H120 ***vaccine*** strain. It can be concluded that the ELISA serology was helpful in providing an early diagnosis on the nature of the primary disease pathogen (nephritic IBV) and helped to prevent further damage by immediately changing the ***vaccination*** programme, which included the variant IBV 4/91 ***vaccine***. The further serotyping with the VN test helped to establish the final diagnosis to a strain specific level (D338). It justified the use of a variant strain in the ***vaccination*** programme to broaden the IBV protection. The knowledge of the presence of this serotype on this farm can also be helpful to design effective future ***vaccination*** programmes for other affected farms in the region.

AB . . . the usefulness of full complementary testing after birds have undergone respiratory disease. In the first case, a broiler flock was ***vaccinated*** twice with live infectious bronchitis virus (IBV) ***vaccine*** MA5. At 21 days the birds displayed severe respiratory distress combined with swollen heads and 10-15% mortality. Postmortem revealed Airsacculitis and E. coli infection. The complete serological picture showed that since the birds were not ***vaccinated*** for Avian Rhinotracheitis (ART) and ***Ornithobacterium*** ***Rhinotracheale*** (OR), it can be concluded that the bird suffered from primary infection with ART and a secondary infection with OR. . . . The IBV serology does not meet the key criteria for infection, as the mean titres were not significantly elevated. The ***vaccination*** programme was adapted to include a live ART ***vaccination*** at 7 days, and the production parameters returned to normal thereafter. In the second case, the birds were ***vaccinated*** twice with live Massachusetts (H120) at 1 and 20 days of age. The birds were ***vaccinated*** against NDV twice with live Avinew at 1 (spray) and 20 days (drinking water). At 14-21 days of age the. . . and nephritis. Serology for ART and OR was also positive, indicating concurrent infections for these diseases, as birds were not ***vaccinated***. The serology for NDV was higher than normal, but enhanced response was probably due to the "tracheal lesion effect" from the ***vaccine*** virus. From the results it was concluded that the birds were primarily infected with a nephropathogenic IBV strain, with ART and OR acting as secondary pathogens. A contingency plan was made, which included a live variant strain IBV (4/91) ***vaccination*** at 14 days of age through drinking water. After the introduction of the new programme the production returned to normal. . . . Neutralization (VN) test. The specific VN test showed the highest titre for the QX-like (or D388) strain the birds were ***vaccinated*** with Massachusetts H120 ***vaccine*** strain. It can be concluded that the ELISA serology was helpful in providing an early diagnosis on the nature of the primary disease pathogen (nephritic IBV) and helped to prevent further damage by immediately changing the ***vaccination*** programme, which included the variant IBV 4/91 ***vaccine***. The further serotyping with the VN test helped to establish the final diagnosis to a strain specific level (D338). It justified the use of a variant strain in the ***vaccination*** programme to broaden the IBV protection. The knowledge of the presence of this serotype on this farm can also be helpful to design effective future ***vaccination*** programmes for other affected farms in the region.

BT Escherichia; Enterobacteriaceae; Enterobacteriales; Gammaproteobacteria; Proteobacteria; Bacteria; prokaryotes; Coronavirus; Coronaviridae; Nidovirales; positive-sense ssRNA viruses; ssRNA viruses; RNA viruses; viruses; ***Ornithobacterium***; Flavobacteriaceae; Flavobacteriales; Flavobacteria; Bacteroidetes (phylum); Gallus gallus; Gallus; Phasianidae; Galliformes; birds; vertebrates; Chordata; animals; poultry; eukaryotes

CT. . . performance; broilers; case reports; clinical aspects; control programmes; diagnosis; diagnostic techniques; disease control; disease prevention; ELISA; immune response; immunodiagnosis; live ***vaccines***; nephritis; postmortem examinations; poultry; respiratory diseases; rhinotracheitis; serology; serotypes; ***vaccination***; virus neutralization

ST ***attenuated*** ***vaccines***; autopsy; avian infectious bronchitis; Avian rhinotracheitis; chickens; clinical picture; control programs; domesticated birds; enzyme linked immunosorbent assay; IBV infection; immunity. . .

ORGN Escherichia coli; fowls; Infectious bronchitis virus; ***Ornithobacterium*** ***rhinotracheale***

L9 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2008:738933 CAPLUS <<LOGINID::20100127>>

DN 149:26058

TI Polynucleotides and polypeptides to produce transgenic plants with enhanced agronomic traits

IN Abad, Mark Scott

PA USA

SO U.S. Pat. Appl. Publ., 58pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 20080148432	A1	20080619	US 2005-374300	20051221
PRAI	US 2005-374300		20051221		
AB	This invention provides transgenic plant cells with recombinant DNA for expression of proteins that are useful for imparting enhanced agronomic trait(s) to transgenic crop plants. This invention also provides transgenic plants and progeny seed comprising the transgenic plant cells where the plants are selected for having an enhanced trait selected from the group of traits consisting of enhanced water use efficiency, enhanced cold tolerance, increased yield, enhanced nitrogen use efficiency, enhanced seed protein, and enhanced seed oil. Seven hundred forty-one polynucleotides and their encoded protein sequences are provided from plant, bacterial, or yeast sources. An addnl. 51,285 homolog sequences are identified by screening public and proprietary databases. Also disclosed are methods for manufg. transgenic seed and plants with enhanced traits.				

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

IT Avena sativa
Avena sterilis ludovicana
Avena vaviloviana
Averrhoa carambola
Avibacterium paragallinarum
Avicennia germinans
Avicennia marina
Avocado
Azoarcus
Azoarcus evansii
Azolla filiculoides
Azorhizobium caulinodans
Azospirillum brasilense
Azotobacter chroococcum

Azotobacter vinelandii
Bacillus (bacterium genus)
Bacillus acidopullulyticus
Bacillus agaradhaerens
Bacillus amyloliquefaciens
Bacillus anthracis
Bacillus caldolyticus
Bacillus cereus
Bacillus circulans
Bacillus clarkii
Bacillus coagulans
Bacillus firmus
Bacillus flavocaldarius
Bacillus halodurans
Bacillus licheniformis
Bacillus macroides
Bacillus megaterium
Bacillus methanolicus
Bacillus ohbensis
Bacillus pseudofirmus
Bacillus pseudomycoides
Bacillus pumilus
Bacillus subtilis
Bacillus subtilis subtilis
Bacillus thermoalkalophilus
Bacillus thuringiensis konkukian
Bacillus thuringiensis sotto
Bacillus weihenstephanensis
Bacteroides fragilis
Bacteroides thetaiotaomicron
Bacteroides vulgatus
Baeomyces rufus
Bahiopsis tomentosa
Banana
Banksia ashbyi
Banksia ***attenuata***
Banksia baueri
Banksia baxteri
Banksia brownii
Banksia candolleana
Banksia coccinea
Banksia cuneata
Banksia dryandroides
Banksia elderana
Banksia elegans
Banksia ericifolia
Banksia grandis
Banksia ilicifolia
Banksia lindleyana
Banksia lullfitzii
Banksia menziesii
Banksia nutans
Banksia oblongifolia
Banksia petiolaris
Banksia pulchella
Banksia quercifolia
Banksia sceptum

Banksia serrata
Banksia verticillata
Barbarea verna
Barbarea vulgaris
Barley
Barrina polyspora
Bartonella
Bartonella alsatica
Bartonella bacilliformis
Bartonella birtlesii
Bartonella doshiae
Bartonella grahamii
Bartonella henselae
Bartonella koehlerae
Bartonella phoceensis
Bartonella quintana
Bartonella rattimassiliensis
Bartonella schoenbuchensis
Bartonella taylorii
Bartonella tribocorum
Bartonella vinsonii arupensis
Bartonella vinsonii berkhoffii
Bartonella vinsonii vinsonii
Bartonella weissi
Bartramia pomiformis
Basidiobolus ranarum
Bassia scoparia
Batophora oerstedii
Bdellovibrio bacteriovorus
Bean
Beet
Benjaminiella poitrasii
Berberis gilgiana
Berberis stolonifera
Bertia moriformis
Beta vulgaris
Beta vulgaris vulgaris
Betula pendula
Betula pubescens
Bibersteinia trehalosi
Bidens pilosa
Bifidobacterium adolescentis
Bifidobacterium angulatum
Bifidobacterium animalis
Bifidobacterium animalis lactis
Bifidobacterium bifidum
Bifidobacterium breve
Bifidobacterium catenulatum
Bifidobacterium longum
Bifidobacterium longum infantis
Bifidobacterium longum suis
Bifidobacterium pseudocatenulatum
Bifidobacterium pseudolongum
Bifidobacterium thermophilum
Bilophila wadsworthia
Bipolaris oryzae
Bixa orellana

Blakeslea trispora
Blastochloris viridis
Blastocladiella britannica
Blastocladiella emersonii
Blastocystis hominis
Blochmannia americanus
Blochmannia castaneus
Blochmannia chromaiodes
Blochmannia festinatus
Blochmannia floridanus
Blochmannia laevigatus
Blochmannia nearcticus
Blochmannia noveboracensis
Blochmannia ocreatus
Blochmannia pennsylvanicus
Blochmannia sansabeanus
Blochmannia sayi
Blochmannia schaefferi
Blochmannia ulcerosus
Blochmannia vafer
Blochmannia vicinus
Blumeria graminis
Blumeria graminis hordei
Boea crassifolia
Boechera drummondii
Boechera holboellii
Boehmeria nivea
Boletellus projectellus
Boletus edulis
Bombardia bombardia
Bombardioidea anartia
Bordetella bronchiseptica
Bordetella parapertussis
Bordetella pertussis
Borrelia afzelii
Borrelia burgdorferi
Borrelia garinii
Borrelia japonica
Borrelia turicatae
Bothriochloa bladhi
Botryotinia calthae
Botryotinia ficariarum
Botryotinia fuckeliana
Botryotinia pelargonii
Botrytis
Botrytis allii
Botrytis hyacinthi
Botrytis paeoniae
Botrytis tulipae
Bouteloua hirsuta
Bouteloua trifida
Brachymonas petroleovorans
Brachyspira hyodysenteriae
Brachyspira pilosicoli
Brachythecium salebrosum
Bradyrhizobium
Bradyrhizobium canariense genistearum

Bradyrhizobium elkanii
Bradyrhizobium genistearum
Bradyrhizobium japonicum
Bradyrhizobium japonicum genistearum
Bradyrhizobium japonicum glycinearum
Bradyrhizobium liaoningense
Bradyrhizobium liaoningense glycinearum
Bradyrhizobium yuanmingense
Brassica carinata
Brassica hirta
Brassica juncea
Brassica napus
Brassica napus napus
Brassica nigra
Brassica oleracea
Brassica oleracea acephala
Brassica oleracea alboglabra
Brassica oleracea botrytis
Brassica oleracea capitata
Brassica oleracea gongylodes
Brassica oleracea oleracea
Brassica rapa
Brassica rapa chinensis
Brassica rapa pekinensis
Brassica rapa rapa
Brevibacillus choshinensis
Brevibacterium
Brevibacterium fuscum dextranlyticum
Brevibacterium linens
Broad bean
Brodoa intestiniformis
Bromelia fastuosa
Bromus inermis
Bromus tectorum
Broussonetia papyrifera
Brucella melitensis
Bryonia dioica
Bryopsis maxima
Bucegia romanica
Buchnera (bacterium)
Buchnera (plant)
Buchnera aphidicola
Burkholderia
Burkholderia cenocepacia
Burkholderia cepacia
Burkholderia fungorum
Burkholderia mallei
Burkholderia multivorans
Burkholderia pseudomallei
Burkholderia pyrrocinia
Burkholderia sacchari
Burkholderia thailandensis
Burkholderia vietnamiensis
Bursera longipes
Bursera odorata
Bursera schlechtendalii
Bursera simaruba

Bursera tecomaca
 (polynucleotides and polypeptides to produce transgenic plants with
 enhanced agronomic traits)

IT Coprinus cinereus
 Coptis japonica
 Corchorus capsularis
 Cordyceps bassiana
 Cordyceps brittlebankisoides
 Coreopsis petrophiloides
 Coriandrum sativum
 Coriolopsis gallica
 Coriolus cervinus
 Cormus domestica
 Corn
 Cornicularia normoerica
 Cornopteris decurrenti-alata
 Cornus alternifolia
 Cornus canadensis
 Cornus chinensis
 Cornus disciflora
 Cornus eydeana
 Cornus florida
 Cornus oblonga
 Cornus suecica
 Cornus unalaschkensis
 Corylopsis sinensis
 Corylus avellana
 Corynebacterium
 Corynebacterium ammoniagenes
 Corynebacterium crenatum
 Corynebacterium diphtheriae
 Corynebacterium efficiens
 Corynebacterium glutamicum
 Corynebacterium melassecola
 Corynebacterium pseudotuberculosis
 Corynebacterium striatum
 Cotoneaster apiculata
 Cotylidia
 Cowpea
 Coxiella burnetii
 Crambe cordifolia
 Crataegus rivularis
 Craterostigma plantagineum
 Crenarchaeota
 Crepis japonica
 Crocosphaera watsonii
 Crocus sativus
 Cronobacter sakazakii
 Cryphonectria parasitica
 Cryptocodium cohnii
 Cryptococcus adeliensis
 Cryptococcus antarcticus
 Cryptococcus bacillisporus
 Cryptococcus curvatus
 Cryptococcus gattii
 Cryptococcus laurentii
 Cryptococcus neoformans grubii

Cryptococcus neoformans neoformans
 Cryptomeria japonica
 Cryptoperidiniopsis
 Cucumber
 Cucumis melo
 Cucumis sativus
 Cucurbita
 Cucurbita maxima
 Cucurbita moschata
 Cucurbita pepo
 Cucurbita pepo melopepo
 Cunninghamella bertholletiae
 Cunninghamella echinulata
 Cuphea wrightii
 Cupressus
 Cupriavidus metallidurans
 Cupriavidus necator
 Cutandia memphitica
 Cyamopsis tetragonolobus
 Cyanidioschyzon merolae
 Cyanidium
 Cyanidium caldarium
 Cyanophora paradoxa
 Cyanothece
 Cyathus (fungus)
 Cycas edentata
 Cycas revoluta
 Cydonia oblonga
 Cydonia speciosa
 Cylicomorpha parviflora
 Cyllindrocladium indonesiae
 Cyllindrocladium malesianum
 Cyllindrocladium pacificum
 Cyllindrocladium pseudonaviculatum
 Cyllindrocladium sumatrense
 Cyllindrotheca ***fusiformis***
 Cymbidium
 Cymbopogon commutatus
 Cymbopogon flexuosus
 Cymbopogon iwarancusa
 Cymbopogon martini
 Cymbopogon obtectus
 Cymbopogon pospischilii
 Cymbopogon refractus
 Cymbopogon schoenanthus
 Cynodon dactylon
 Cypridium parviflorum pubescens
 Cytophaga
 Cytophaga hutchinsonii
 DNA sequences
 Dactylis glomerata
 Dactyloctenium aegyptium
 Dactyloctenium radulans
 Danthonia spicata
 Danthoniopsis dinteri
 Datisca glomerata
 Datura inoxia

Datura stramonium
Daucus carota
Debaryomyces hansenii
Debaryomyces occidentalis
Dechloromonas aromatica
Dehalococcoides
Dehalococcoides ethenogenes
Deinococcus proteolyticus
Deinococcus radiodurans
Delphinium
Delphinium belladonna
Delphinium grandiflorum
Dendrobium
Dendrobium crumenatum
Dendrobium delicatum
Dendrobium farmeri
Dendrobium fimbriatum
Dendrobium loddigesii
Dendrobium moschatum
Dendrobium thyrsiflorum
Dendrocalamus latiflorus
Dermocarpa
Deschampsia antarctica
Desulfitobacterium hafniense
Desulfotalea psychrophila
Desulfovibrio desulfuricans
Desulfovibrio gigas
Desulfovibrio vulgaris
Desulfovibrio vulgaris vulgaris
Desulfurococcus
Desulfurococcus mucosus
Dianthus caryophyllus
Dianthus gratianopolitanus
Dianthus plumarius
Diaporthe ambigua
Diaporthe phaseolorum
Dichanthium aristatum
Dichomitus squalens
Dichotomanthes tristaniaecarpa
Dichotomocladium elegans
Dickeya chrysanthemi
Dicranella heteromalla
Dicranum scoparium
Dictyoglomus thermophilum
Digitalis ciliata
Digitalis davisiana
Digitalis ferruginea
Digitalis grandiflora
Digitalis laevigata
Digitalis lanata
Digitalis lutea
Digitalis obscura
Digitalis parviflora
Digitalis purpurea
Digitalis purpurea mariana
Digitalis subalpina
Digitalis thapsi

Digitalis viridiflora
Dilkea
Dimargaris cristalligena
Dimeresia howellii
Dimocarpus longan
Dinophyceae
Diospyros kaki
Dissophora decumbens
Docyniopsis tschonoskii
Draba nemorosa hebecarpa
Drepanostachyum hookerianum
Drimys winteri
Drosanthemum paxianum
Drosera adelae
Drosera tokaiensis
Dryandra calophylla
Dryandra foliosissima
Dryandra serratuloides
Dryandra sessilis
Dryandra speciosa
Dryopteris filix-mas
Dubautia arborea
Dubautia ciliolata glutinosa
Dubautia knudsenii
Dubautia microcephala
Dubautia raillardii
Dunaliella salina
Dunaliella tertiolecta
Dunnia sinensis
Eatonella nivea
Echinochloa crus-galli
Echinochloa crus-galli formosensis
Ectocarpus variabilis
Edwardsiella ictaluri
Edwardsiella tarda
Eggplant
Ehrharta erecta
Ehrlichia
Ehrlichia canis
Ehrlichia chaffeensis
Ehrlichia muris
Ehrlichia ruminantium
Elaeagnus umbellata
Elaeis guineensis
Elaeis oleifera
Eleusine coracana
Eleusine indica
Elymus abolinii
Elymus canadensis
Elymus caninus
Elymus ciliaris
Elymus cinereus
Elymus dentatus
Elymus elongatum
Elymus glaucus
Elymus lanceolatus
Elymus mutabilis

Elymus triticoides
 Elymus virginicus
 Elymus wawawaiensis
 Elytrigia repens
 Emericella nidulans
 Emiliana huxleyi
 Encelia californica
 Endive
 Enneapogon scoparius
 Enterobacter aerogenes
 Enterobacter amnigenus
 Enterobacter asburiae
 Enterobacter cloacae
 Enterobacter gergoviae
 Enterococcus avium
 Enterococcus casseliflavus
 Enterococcus cecorum
 Enterococcus durans
 (***polynucleotides*** and polypeptides to produce transgenic
 plants with enhanced agronomic traits)

L9 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2006:1225852 CAPLUS <<LOGINID::20100127>>
 DN 146:26334
 TI Pasteurella multocida live ***attenuated*** ***vaccine***
 IN Luo, Yugang; Vermeij, Paul; Jacobs, Antonius Arnoldus Christiaan
 PA Intervet International B.V., Neth.
 SO PCT Int. Appl., 31pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006122586	A1	20061123	WO 2005-EP56995	20051221
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2005331860	A1	20061123	AU 2005-331860	20051221
	CA 2591624	A1	20061123	CA 2005-2591624	20051221
	EP 1831248	A1	20070912	EP 2005-857856	20051221
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 101087803	A	20071212	CN 2005-80044494	20051221
	JP 2008523840	T	20080710	JP 2007-547497	20051221
	BR 2005019381	A2	20090120	BR 2005-19381	20051221
	ZA 2007005087	A	20080827	ZA 2007-5087	20070613
	MX 2007007570	A	20070724	MX 2007-7570	20070621

	IN 2007CN02702	A	20070907	IN 2007-CN2702	20070621
	KR 2007092290	A	20070912	KR 2007-716568	20070719
PRAI	US 2004-639447P	P	20041222		
	WO 2005-EP56995	W	20051221		

AB The disclosed invention relates to live ***attenuated*** bacteria of the species *Pasteurella multocida* not capable of expressing a functional Orf-15 protein, to live ***attenuated*** ***vaccines*** comprising such live ***attenuated*** bacteria, to the use of such bacteria for the manuf. of such ***vaccines***, to methods for the prepn. of such ***vaccines***, and to diagnostic tests for the detection of such bacteria. For example, live ***attenuated*** Orf-15 mutants of *P. multocida* given to turkeys together with the Newcastle disease virus ***vaccine*** provided various levels of protection, depending on ***vaccination*** route, being 100% with aerosol ***vaccination*** route followed by drinking water route (81%).

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI *Pasteurella multocida* live ***attenuated*** ***vaccine***

AB The disclosed invention relates to live ***attenuated*** bacteria of the species *Pasteurella multocida* not capable of expressing a functional Orf-15 protein, to live ***attenuated*** ***vaccines*** comprising such live ***attenuated*** bacteria, to the use of such bacteria for the manuf. of such ***vaccines***, to methods for the prepn. of such ***vaccines***, and to diagnostic tests for the detection of such bacteria. For example, live ***attenuated*** Orf-15 mutants of *P. multocida* given to turkeys together with the Newcastle disease virus ***vaccine*** provided various levels of protection, depending on ***vaccination*** route, being 100% with aerosol ***vaccination*** route followed by drinking water route (81%).

ST *Pasteurella* ***vaccine*** Orf15 gene deficient

IT Gene, microbial

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(Orf-15; *Pasteurella multocida* live ***attenuated***
vaccine)

IT Freeze-dried drug delivery systems

Mutation

Pasteurella multocida

Pharmaceutical aerosols

Pharmaceutical carriers

Vaccines

(*Pasteurella multocida* live ***attenuated*** ***vaccine***)

IT *Anaplasma centrale*

Anaplasma marginale

Avian encephalomyelitis virus

Avian reovirus

Avibacterium paragallinarum

Babesia bigemina

Babesia bovis

Babesia major

Bordetella bronchiseptica

Bovine diarrhea virus

Bovine herpesvirus

Bovine parainfluenza virus 3

Bovine respiratory syncytial virus

Chicken anemia virus

Clostridium perfringens

Duck enteritis virus
 Eggdrop syndrome-1976 virus
 Eimeria
 Erysipelothrix rhusiopathiae
 Escherichia coli
 Foot-and-mouth disease virus
 Fowlpox virus
 Gallid herpesvirus
 Gallid herpesvirus 1
 Haemophilus parasuis
 Human herpesvirus 3
 Human parainfluenza virus 3
 Infectious bronchitis virus
 Infectious bursal disease virus
 Mannheimia haemolytica
 Meleagrid herpesvirus 1
 Mycoplasma gallisepticum
 Mycoplasma hyopneumoniae
 Mycoplasma synoviae
 Neospora caninum
 Newcastle disease virus
 Ornithobacterium ***rhinotracheale***
 Porcine circovirus 1
 Porcine circovirus 2
 Porcine parvovirus
 Porcine respiratory and reproductive syndrome virus
 Porcine transmissible gastroenteritis virus
 Rotavirus
 Salmonella
 Staphylococcus aureus
 Staphylococcus uberis
 Streptococcus suis
 Suid herpesvirus 1
 Swine influenza virus
 Theileria annulata
 Theileria parva
 Trypanosoma
 Turkey rhinotracheitis virus
 (Pasteurella multocida live ***attenuated*** ***vaccine***
 contg. genes from)
 IT Human
 Veterinary medicine
 (Pasteurella multocida live ***attenuated*** ***vaccine*** in)
 IT Diagnosis
 (Pasteurella multocida live ***attenuated*** ***vaccine*** in
 relation to)
 IT Immunostimulants
 (adjuvants; Pasteurella multocida live ***attenuated***
 vaccine)
 IT Mutation
 (deletion; Pasteurella multocida live ***attenuated***
 vaccine)
 IT Proteins
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (gene Orf-15; Pasteurella multocida live ***attenuated***
 vaccine)

IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (heterologous; Pasteurella multocida live ***attenuated***
 vaccine contg.)

IT Drug delivery systems
 (in drinking water; Pasteurella multocida live ***attenuated***
 vaccine)

IT Mutation
 (insertion; Pasteurella multocida live ***attenuated***
 vaccine)

IT 915811-70-0, Protein ORF 15 (Pasteurella multocida)
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)
 (amino acid sequence; Pasteurella multocida live ***attenuated***
 vaccine)

IT 915811-69-7
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)
 (nucleotide sequence; Pasteurella multocida live ***attenuated***
 vaccine)

L9 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2005:607098 CAPLUS <<LOGINID::20100127>>
 TI Combination ***vaccine*** for poultry
 IN Jacobs, Antonius Arnoldus Christiaan; Van, Empel Paul Cornelius Maria;
 Nuijten, Petrus Johannes Maria
 PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria
 SO PCT Int. Appl.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005063284	A1	20050714	WO 2004-EP53623	20041221
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2550923	A1	20050714	CA 2004-2550923	20041221
	EP 1699483	A1	20060913	EP 2004-804958	20041221
	EP 1699483	B1	20090311		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	BR 2004017880	A	20070427	BR 2004-17880	20041221
	JP 2007518717	T	20070712	JP 2006-546172	20041221
	AT 424844	T	20090315	AT 2004-804958	20041221
	ES 2322272	T3	20090618	ES 2004-804958	20041221
	US 20090053262	A1	20090226	US 2006-582315	20060608
PRAI	EP 2003-104954	A	20031223		

WO 2004-EP53623 W 20041221

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The present invention relates to a combination ***vaccine*** for the protection of poultry against ***Ornithobacterium***
rhinotracheale, to the use of a live ***over*** -
attenuated ***Ornithobacterium*** ***rhinotracheale***
strain and a live ***attenuated*** poultry virus for the manufacturing of such a combination ***vaccine***, to methods for the preparation of said combination ***vaccine*** and to ***vaccination*** kits for the immunization of poultry against ***Ornithobacterium***
rhinotracheale.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Combination ***vaccine*** for poultry
AB The present invention relates to a combination ***vaccine*** for the protection of poultry against ***Ornithobacterium***
rhinotracheale, to the use of a live ***over*** -
attenuated ***Ornithobacterium*** ***rhinotracheale***
strain and a live ***attenuated*** poultry virus for the manufacturing of such a combination ***vaccine***, to methods for the preparation of said combination ***vaccine*** and to ***vaccination*** kits for the immunization of poultry against ***Ornithobacterium***
rhinotracheale.

L9 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2002:714168 CAPLUS <<LOGINID::20100127>>

DN 137:246518

TI Recombinant infectious laryngotracheitis virus comprising deleted UL0 gene and other avian pathogenic antigen for use as ***vaccine***

IN Claessens, Johannes Antonius Joseph; Fuchs, Walter

PA Akzo Nobel N.V., Neth.

SO Eur. Pat. Appl., 30 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1241177	A1	20020918	EP 2002-75925	20020311
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2002356441	A	20021213	JP 2002-61362	20020307
	AU 2002024508	A	20020919	AU 2002-24508	20020313
	AU 784310	B2	20060309		
	CA 2373454	A1	20020915	CA 2002-2373454	20020314
	BR 2002000838	A	20030325	BR 2002-838	20020314
	MX 200202904	A	20051007	MX 2002-2904	20020314
	US 20020168384	A1	20021114	US 2002-99619	20020315
PRAI	EP 2001-200975	A	20010315		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The present invention provides an ***attenuated*** ILT virus that is able to induce protection against ILT in chickens. The new
vaccine strain is not able to express the native UL0 protein of ILTV. The new ILTV ***vaccine*** virus can also be used as a vector for genes of other avian pathogens. Thus, recombinant UL0 gene-deleted ILT virus expressing avian influenza virus hemagglutinin was prepd. as
vaccine.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Recombinant infectious laryngotracheitis virus comprising deleted UL0 gene
 and other avian pathogenic antigen for use as ***vaccine***

AB The present invention provides an ***attenuated*** ILT virus that is
 able to induce protection against ILT in chickens. The new
 vaccine strain is not able to express the native UL0 protein of
 ILTV. The new ILTV ***vaccine*** virus can also be used as a vector
 for genes of other avian pathogens. Thus, recombinant UL0 gene-deleted
 ILT virus expressing avian influenza virus hemagglutinin was prep'd. as
 vaccine .

ST infectious laryngotracheitis virus UL0 gene protein pathogen
 vaccine

IT Gene, microbial
 Proteins
 RL: REM (Removal or disposal); PROC (Process)
 (UL0; recombinant infectious laryngotracheitis virus comprising deleted
 UL0 gene and other avian pathogenic antigen for use as ***vaccine***
)

IT Pathogen
 (avian; recombinant infectious laryngotracheitis virus comprising
 deleted UL0 gene and other avian pathogenic antigen for use as
 vaccine)

IT Drug delivery systems
 (carriers; recombinant infectious laryngotracheitis virus comprising
 deleted UL0 gene and other avian pathogenic antigen for use as
 vaccine)

IT Animal tissue culture
 Aves
 DNA sequences
 Escherichia coli
 Gallid herpesvirus
 Gallid herpesvirus 1
 Gallus domesticus
 Genetic vectors
 Immunomodulators
 Infectious bronchitis virus
 Influenza A virus
 Molecular cloning
 Mycoplasma
 Newcastle disease virus
 Ornithobacterium ***rhinotracheale***

 Poultry
 Protein sequences
 Turkey rhinotracheitis virus
 Vaccines
 (recombinant infectious laryngotracheitis virus comprising deleted UL0
 gene and other avian pathogenic antigen for use as ***vaccine***)

IT Antigens
 Hemagglutinins
 RL: AGR (Agricultural use); BPN (Biosynthetic preparation); BSU
 (Biological study, unclassified); PRP (Properties); THU (Therapeutic use);
 BIOL (Biological study); PREP (Preparation); USES (Uses)
 (recombinant infectious laryngotracheitis virus comprising deleted UL0
 gene and other avian pathogenic antigen for use as ***vaccine***)

IT Mutagenesis
 (site-directed, deletion; recombinant infectious laryngotracheitis

virus comprising deleted UL0 gene and other avian pathogenic antigen
for use as ***vaccine***)

IT Mutagenesis
(site-directed, insertion; recombinant infectious laryngotracheitis
virus comprising deleted UL0 gene and other avian pathogenic antigen
for use as ***vaccine***)

IT 460104-59-0P, Hemagglutinin (avian influenza virus)
RL: AGR (Agricultural use); BPN (Biosynthetic preparation); BSU
(Biological study, unclassified); PRP (Properties); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; recombinant infectious laryngotracheitis virus
comprising deleted UL0 gene and other avian pathogenic antigen for use
as ***vaccine***)

IT 460104-58-9P
RL: AGR (Agricultural use); BPN (Biosynthetic preparation); BSU
(Biological study, unclassified); PRP (Properties); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(nucleotide sequence; recombinant infectious laryngotracheitis virus
comprising deleted UL0 gene and other avian pathogenic antigen for use
as ***vaccine***)

IT 181795-07-3, GenBank X97256
RL: REM (Removal or disposal); PROC (Process)
(recombinant infectious laryngotracheitis virus comprising deleted UL0
gene and other avian pathogenic antigen for use as ***vaccine***)

L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2002:391558 CAPLUS <<LOGINID::20100127>>
DN 136:384973
TI Salmonella ***vaccine***
IN Nuijten, Petrus Johannes Maria; Witvliet, Maarten Hendrik
PA Akzo Nobel N.V., Neth.
SO PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2002040046	A1	20020523	WO 2001-EP13396	20011115
	W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2429120	A1	20020523	CA 2001-2429120	20011115
	AU 2002017043	A	20020527	AU 2002-17043	20011115
	EP 1345621	A1	20030924	EP 2001-996389	20011115
	EP 1345621	B1	20081112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	HU 2003002612	A2	20031128	HU 2003-2612	20011115
	HU 2003002612	A3	20041028		
	JP 2004513646	T	20040513	JP 2002-542418	20011115
	AT 413888	T	20081115	AT 2001-996389	20011115

	ES 2316492	T3	20090416	ES 2001-996389	20011115
	US 20040052802	A1	20040318	US 2003-432102	20030516
	US 7045122	B2	20060516		
PRAI	EP 2000-204022	A	20001116		
	EP 2000-204387	A	20001208		
	WO 2001-EP13396	W	20011115		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The present invention relates to live ***attenuated*** Salmonella strains comprising a first ***attenuating*** mutation, that are not capable of making functional RecA. The invention also relates to these bacteria for use in ***vaccines***. Furthermore, the invention relates to ***vaccines*** based upon these bacteria, to the use of such bacteria in the manuf. of ***vaccines*** and to methods for the prepn. of such ***vaccines***. The recA- Salmonella carries a heterologous antigen gene from a virus, bacterium, or parasite and can be used in ***vaccines*** for prevention of infection in poultry.

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Salmonella ***vaccine***

AB The present invention relates to live ***attenuated*** Salmonella strains comprising a first ***attenuating*** mutation, that are not capable of making functional RecA. The invention also relates to these bacteria for use in ***vaccines***. Furthermore, the invention relates to ***vaccines*** based upon these bacteria, to the use of such bacteria in the manuf. of ***vaccines*** and to methods for the prepn. of such ***vaccines***. The recA- Salmonella carries a heterologous antigen gene from a virus, bacterium, or parasite and can be used in ***vaccines*** for prevention of infection in poultry.

ST ***vaccine*** infection Salmonella RecA deletion chicken

IT Enzymes, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(DNA-recombining, gene RecA; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Infection

(bacterial; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Mutation

(deletion; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Infection

(protozoal; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Gene, microbial

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(recA; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Avian encephalomyelitis virus

Avian reovirus

Avibacterium paragallinarum

Chicken anemia virus

Eimeria

Escherichia coli

Gallus domesticus

Human herpesvirus 3

Infectious bronchitis virus

Infectious bursal disease virus
Mycoplasma gallisepticum
Mycoplasma synoviae
Newcastle disease virus
Ornithobacterium ***rhinotracheale***
Pasteurella multocida
Poultry
Salmonella
Salmonella enterica enterica gallinarum
Salmonella enteritidis
Salmonella typhimurium
Turkey rhinotracheitis virus

Vaccines
(use of recA- Salmonella carrying a heterologous antigen gene in
vaccines against infection in poultry)

IT Antigens

RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(use of recA- Salmonella carrying a heterologous antigen gene in
vaccines against infection in poultry)

IT Infection

(viral; use of recA- Salmonella carrying a heterologous antigen gene in
vaccines against infection in poultry)